



DRYTEK

Electronic Pump Controller



The Dayliff Drytek Electronic Pump Controller is a solid state integrated control unit for all types of pumps with a particular application to borehole installations. Panels are fitted with a digital display of both operating and fault parameters and settings are simply made using fascia mounted push buttons. A range of sizes are available for single and three phase motors, settings for particular motor sizes being effected by simple adjustment of the running current. Panels also offer the following features:-

- Incoming mains isolator switch with fuse protection and door interlock.
- Digital display of motor operating status including voltage, amps, cos ϕ and fault messages.
- Protection against over/under voltage, motor overload and phase sequence/loss.
- Electronic dry run protection using cos ϕ sensitivity adjustment dispensing with the need for low level electrodes and cables.
- Selectable auto/manual operation with an extra terminal set for an additional external control function, e.g float switch, pressure switch or level electrodes
- Auto restart for fault signals with 4 separate adjustable times from 0-250 mins.
- Large IP55 rated flame-proof plastic enclosure with space for additional accessories as may be specified.
- Optional digital connectivity interfaces are fitted to order for BMS applications

Dayliff Drytek Electronic Pump Controllers are high specification units that provide comprehensive protection for all pump motors. The combination of extensive built-in functionality that eliminates the need for expensive separate components, a wide application range through easy adjustment and simple operation provides units of great versatility and effectiveness. These features combined with exceptional value results in one of the best pump controllers available.

CONTROL FUNCTIONS

DAYLIFF **DRYTEK**

ELECTRIC PUMP DRYTEK V1.0

DRYTEK 1Ph/2.2kW 2-18A

DRYTEK 3Ph/7.5kW 2-18A

DRYTEK 3Ph/15kW 16-32A

DANGER/HATARI SHOCK HAZARD
ISOLATE PANEL BEFORE OPENING COVER

IP55 **CE**

ELECTRONIC PUMP CONTROLLER

Multifunction visualization and programming display

Green LED for load activated

Multifunction push button

Arrow up push button

Arrow down push button

OK push button

GENERAL DATA

Controller Model	Motor Size		Current Range	Dimensions (mm)			Weight (kg)
	Min	Max		Height	Width	Depth	
DRYTEK 1Ph/2.2kW	0.37kW	2.2kW	2-18Amps	310	240	185	1.5
DRYTEK 3Ph/7.5kW	0.55kW	7.5kW	2-18Amps				2.3
DRYTEK 3Ph/15kW	7.5kW	15kW	16-32Amps				3.0

Enclosure Class: IP55

Relative humidity: 50% @40°C (condensate free)

Temperature Range: -5° - +40°C

Power Supply: 220V-240V±10% 1Ph
380V-415V±10% 3Ph